

इंटरनेट

मानक

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“पुराने को छोड़ नये के तरफ”

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“Step Out From the Old to the New”

IS 6314 (1982): Single Corner Rounding Milling Cutters [PGD
32: Cutting tools]



“ज्ञान से एक नये भारत का निर्माण”

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“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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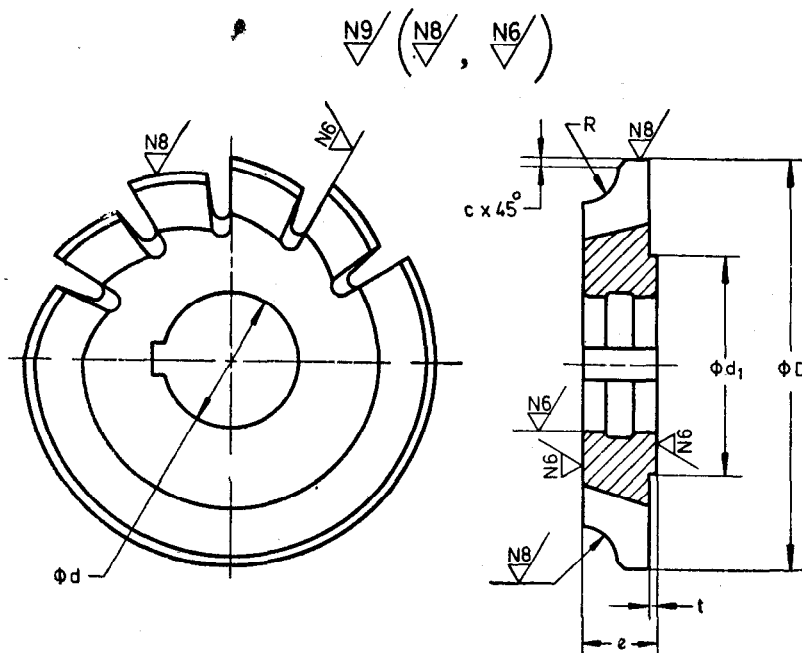




Indian Standard
SPECIFICATION FOR
SINGLE CORNER ROUNDING MILLING CUTTERS
(First Revision)

1. Scope — Covers the dimensions and requirements for single corner rounding milling cutters having plain bore with key drive.

2. Dimensions



All dimensions in millimetres.

R† N11	D js16	d H7	e	c	d ₁ *	t*	Tool-Type
1'00	50	16	4	0'2	27	0'5	N
1'25			4	0'2			
1'60			5	0'25			
2'00			5	0'25			
2'50	63	22	5	0'3	34		
3'15 (3)			6	0'3			
4'00			8	0'4			
5 00			10	0'5			
6'3 (6)	80	27	12	0'6	41		
8'00			16	0'8			
10'00	100	32	18	1'0	47		
12'5 (12)			20	1'2			
16'00	125		24	1'6			
20'00			28	2'0			

*The dimensions of the boss are optional.

†Values shown in the parentheses are alternatives.

Note — The figure is indicative of dimensions only and does not specify design features.

Adopted 23 August 1982

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3. General Requirements

3.1 Unless specified otherwise, the cutter shall be right hand cutting.

3.2 Dimensions of keyways shall be according to IS: 6285-1971 'Dimensions for interchangeability of milling cutters and milling arbors with key drive'.

3.3 For requirements not covered in this standard, it shall conform to the requirements as given in IS : 1830-1982 'Technical supply conditions for milling cutters (*second revision*)'.

4. Sampling — The sampling and criteria of acceptance shall be in accordance with IS : 7778-1975 'Methods for sampling small tools'.

5. Designation — A single corner rounding milling cutter having radius $R = 10$ mm of tool-type N, for right hand cutting, made from high speed steel and conforming to this standard shall be designated as:

Single Corner Rounding Milling Cutter 10 IS : 6314

6. ISI Certification Marking — Details available with the Indian Standards Institution.

EXPLANATORY NOTE

This standard was first published in 1971. The present revision is necessitated, to bring it in line with the work done at ISO level.

In the preparation of this standard considerable assistance has been derived from the following standards:

ISO 3860-1976 Bore cutters with key drive form milling cutters with constant profile. International Organisation for Standardization.

DIN 6513 (Teil 1)-1978 Viertel und — Profilfraser konkar — Masse (Corner rounding cutters — Dimensions). Deutsches Institut für Normung.